Meetings, Membership and Roles
The 53rd meeting was held on 15th and 16th February 2002 in Grenoble, France. In 2003 TC3 will meet on 5th and 6th July in Pori, Finland, and in 2004, in South Africa.

Changes and additions to membership since last GA Meeting
- Argentine Representative: Herminia Azinian (AR)
- Belgium Representative: Willy Baute (BE)
- Greece Representative: Angelique Dimitracopoulou (GR)
- 4.3.2 b) Member 2003/5: Tom van Weert (NL)
- 4.3.2 b) Member 2003/5: Anton Knierzinger (AT)
- WG3.3 Chair 2002/4: Nicola Davies (GB)
- WG3.2 Vice-Chair 2002/4: John Hughes (AU)

Additional roles within TC3
- Peter Bollerslev (DK) has responsibility within TC3 for liaison with UNESCO.
- Peter Bollerslev is the TC3 representative on the Villa Media selection Committee.
- Bernard Cornu has responsibility for TC3 publicity and marketing.
- Anton Knierzinger has responsibility for TC3 conferences and publications.
- Jari Koivisto (FI) has responsibility within TC3 for liaison with IOI.
- Anne McDougall (AU) has responsibility for the monthly TC3 Newsletter.
- Raymond Morel (CH) has responsibility within TC3 for liaison with the EU.
- Raymond Morel leads the TC3 Web link on “National Plans and Projects”.
- Raymond Morel has responsibility for the TC3 Web site.
- Brian Samways (GB) is IFIP Newsletter “Correspondent for TC3”.
- Brian Samways is a member of the “IFIP Professionalism” group.
- Peter Waker (ZA) is charged by TC3 with organising WCCE2005.
- Jan Wibe is the co-ordinator of the TC3 photographic collection.
- Tom van Weert (NL) is charged with co-ordinating the work of the Working Groups.

TC3 and Working Group Activities
TC3 has been active since the IFIP GA 2001 meeting in planning and organising five events namely:

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<td>30 Jun–5 Jul</td>
<td>3.5</td>
<td>E-Learning Styles</td>
<td>Manchester</td>
<td>England</td>
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<td>13-20 July</td>
<td>3.2</td>
<td>Informatics Curricular, teaching methods and best practice</td>
<td>Florianópolis</td>
<td>Brazil</td>
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<td>22-26 July</td>
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<td>Social, Ethical and Cognitive Issues of Informatics and ICT (SECIII)</td>
<td>Dortmund</td>
<td>Germany</td>
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<td>18-22 Aug</td>
<td>3.7</td>
<td>ITEM 2002</td>
<td>Helsinki</td>
<td>Finland</td>
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<td>25-30 Aug</td>
<td>TC3</td>
<td>WCC2002 – TeLE-learning Stream</td>
<td>Montreal</td>
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</table>
Working Groups 3.3 and 3.4 are planning an open conference next year (July, 2003) and the TC3 Task Force on Life Long Learning has continued its work in defining its scope and planning its future. Hence it would be fair to say that TC3 and its working groups continue to be active and effective and to globally lead in the field.

In the last 12 months Kluwer has published 2 TC3 books, one from WCCE2001 titled “Networking the Learner” and the other from WCC2002 titled “TeL-E-Learning”, both of which sell at 175 US$. The WG3.2 IFIP/UNESCO book on the “Informatics HE Curriculum”, the WG3.5 IFIP/UNESCO book on “ICT Curriculum for Elementary Teacher Training” and the TC3 update of the IFIP/UNESCO “ICT Secondary Curriculum” continue to be available only on the Web.

TC3 plans for a possible new working group on Life Long Learning are continuing to move forward and the next step is the bringing together interested persons through a workshop/working conference in year 2003 or 2004. If successful, discussions on forming a new working group will continue.

The TC3 journal “Education and Information Technologies” which TC3 created seven years ago continues to be an important reference journal. All delegates at WCCE2001 received a free subscription for the year 2001 and we wait to see how successful Kluwer has been in encouraging these to continue for year 2002. The Editor-in-Chief, Professor Deryn Watson is Chairman of Working Group 3.1 and all IFIP GA members are (again) asked to support her in both soliciting papers and in encouraging new subscriptions. A one-year personal subscription for a GA member costs US$65 and you are asked to personally support IFIP’s first official journal by subscribing.

The IFIP work on “Professionalism” is being led by the IFIP Past President, the Current IFIP Secretary, the Chair of TC3 and representatives of ACM and CEPIS. Plans are now well established for the working conference being hosted by the British Computer Society from 25-27th October 2002. Titled “Meeting Global IT Skills Needs – The Role of Professionalism” it is planned to achieve a balance between global coverage and effective participation with 50 invited international delegates representing employers, professional societies, governments and academia.

The TC3 Web pages are now becoming both a source of information to members (minutes, newsletters, roles etc.) and a marketing tool for our work (future events, the journal, publications etc.). Many national Society education pages now offer links to IFIP TC3 web pages and members of TC3 are expected to ensure this is the case for their organisation or country.

TC3 Home Page
http://wwwedu.ge.ch/cptic/prospective/projets/ifip/  
TC3 Journal Page
http://www.wkap.nl/journalhome.htm/1360-2357  
TC3 Curriculum Projects
http://www.ifip.or.at/projects.htm  
TC3 National Policies
http://wwwedu.ge.ch/cptic/prospective/projets/ifip/contributions.html  
TC3 Visual Page
http://web.plu.ntnu.no/ansatte/janwib/ifip/ifip-tc3/  
International Olympiads in Informatics
http://www.comp.nus.edu.sg/~ioipanel/IOImirror/
Working Groups and Task Force

3.1 - Secondary Education – has nearly 60 members and has just held a very successful conference in Dortmund, Germany (jointly with WG3.2). Some of the reports from the discussion groups at the conference are available through the TC3 web pages. Draft documents on Teacher Education and Life Long Learning are circulating among Group members. Chair Deryn Watson (GB) 2001/3, Vice Chair Pieter Hogenbirk (NL).

3.2 - Informatics Education at University Level – has nearly 30 members and has just held a very successful conference in Florianópolis, Brazil, prior to the one in Dortmund. Work on IFIP/UNESCO projects has continued: the HE Informatics Curriculum Framework has been completed; a new secondary informatics curriculum has been produced; and a document on ICT in higher education has been developed. Chair Joe Turner (ACM) 2002/4, Vice Chair John Hughes (AU).

3.3 – Research – has nearly 30 members, though some are not so active. Now has a new Chair and is planning two events in 2003, one in January in Australia in conjunction with WG3.1 and the other in July in Finland with WG3.4. Needs to define its focus under the new Chair and to build on the expertise of the active members. Chair Niki Davis (GB) 2002/4, Vice Chair Rosa Maria Bottino (IT).

3.4 - Professional and Vocational Education - Membership of the Working Group is small, but some recruiting is underway. An open conference is planned for 2003 with WG3.3 on “E-Training and E-Learning” in Pori, Finland. Through the Vice Chair, the group are running a project testing the IFIP Harmonisation framework in, firstly, software engineering. Chair Mikko Ruohonen (FI) 1999/01 & 2002/4, Vice Chair Barrie Thompson (GB).

3.5 - Elementary Education – around 50 members, most of whom are very active, both at and between events. The group has just held a very successful conference in Manchester, England and plans one in Australia next year. Chair Sindre Røsvik (NO) 2001/3, Vice Chair Toni Downes (AU).

3.6 - Distance Learning – Over 60 members, many of whom have not been actively involved with IFIP for many years. Currently reviewing membership though the WG Web site by asking all members to provide their details. A Working Conference on Quality Assurance in Distance Education is planned for Geelong in Australia in February 2003 and in 2004 a conference will be organised and held at the University of Twente in the Netherlands. Chair Gordon Davies (GB) 1999/01 & 2002/4, Vice Chair Elizabeth Stacey (AU).

3.7 - Educational Management – under thirty members, but has failed to grow in membership numbers since it was created in 1996. Has bi-annual conferences, which suffer from low attendance, but they always publish proceedings with the IFIP publisher. Held a successful conference in Helsinki earlier this month. Chair Alex Fung (CN) 1999/01 & 2002/4, Vice Chair Adrie Visscher (NL).

TC3 Task Force – Life Long Learning - This work was begun in 1997, under the chairmanship of Matti Sinko. In 1998 Jan Wibe took over the leadership and the work focused on developing a policy document and on including life long learning activities in conferences, with the long-term goal of establishing a new Working Group. In 1999 there was a Panel on life long learning at the Irvine conference, and in 2000 at WCC in Beijing a life long learning stream and another Panel continued the discussions. The proposed life long learning Professional Groups in WCCE2001 unfortunately did not run, but in the 2002 WCC a life long learning track in the TelE-learning stream was chaired by Mike Kendall. Currently TC3 has defined its meaning of life long learning and under the Chair of TC3 is planning an event for 2003/4.
| WG 3.1 | 27-31 January 2003 | Working Conference in Melbourne, AU “ICT and the teacher of the future” | Pieter Hogenbirk  
P.Hogenbirk@owinsp.nl |
|---------|-------------------|-------------------------------------------------|-------------------|
| WG 3.2 | 2003 ?            | Working Conference in Gold Coast, AU “Impact of the Web on University IT Curriculum and Teaching” | John Hughes  
hughes@soc.scs.uts.edu.au |
| WG 3.3 | 27-31 January 2003 | Working Conference in Melbourne, AU “ICT and the teacher of the future” | Pieter Hogenbirk  
P.Hogenbirk@owinsp.nl |
|         | 7-11 July 2003    | Open Conference in Pori, Finland “E-Training Practices for Professional Organisations” (Joint with WG3.4) | Jari Multisilta  
multisil@pori.tut.fi  
http://legenda.pori.tut.fi/etrain/ |
| WG 3.4 | 7-11 July 2003,   | Open Conference in Pori, Finland “E-Training Practices for Professional Organisations” (Joint with WG3.3) | Jari Multisilta  
multisil@pori.tut.fi  
http://legenda.pori.tut.fi/etrain/ |
| WG 3.5 | 14-17 July 2003   | Open Conference in Sydney, AU “Young children and learning technologies” | Toni Downes  
T.Downes@uws.edu.au |
|         | 2004              | Working Conference in Hungary                   | Marta Turcsanyi-Szabo  
turcsanyine@ludens.elte.hu |
| WG 3.6 | 3-6 February 2003 | Working Conference in Geelong, Australia “Quality in Education at a Distance” | Elizabeth Stacey  
estacey@deakin.edu.au |
|         | 2004              | event in The Netherlands                        | Piet Kommers |
| WG 3.7 | July 2004         | Working Conference in Gran Canaria, Spain “ITEM2004” | Javier Osorio  
osorio@empresariales.ulpgc.es |
|         | July 2006         | Working Conference in Japan “ITEM2006”           | Toshio Okamoto  
okamoto@ai.is.uec.ac.jp |
r.johnson@bcs.org.uk |
|         | November 2003     | Workshop in ???? “Lifelong Learning”             | Brian Samways  
Brian_Samways@birmingham.gov.uk |
|         | August 2004       | Part of WCC2004 in Toulouse, France             | Jan Wibe  
jan.wibe@plu.ntnu.no |
|         | July 2005         | Open Conference in Cape Town, ZA "EIGHTH World Conference on Computers in Education” (WCCE). | Peter Waker  
ceo@icdl.org.za |
Publications
(From Kluwer Academic Publishers 101 Philip Drive, Norwell, MA 02061, U.S.A. Phone: +1 781 871 6600 Fax: +1 781 871 6528 E-mail: kluwer@wkap.com unless otherwise stated)

1. “Education and Information Technologies” journal
   Edited by Deryn Watson (Euro 65)

   Tinsley & van Weert 0412714604 (Euro 15 from WCCE, Margaret Str. B3 3BW, UK)

   Tinsley & van Weert 0412714604 (Euro 20 from WCCE, Margaret Str. B3 3BW, UK)

   Katz, Millin & Offir 041278470X (Euro 161.50)

5. IT in Educational Management of Schools of the Future (1997)
   Fung, Visscher, Barta & Teather 0412799707 (Euro 126)

6. Place of IT in Management And Business Education (1997)
   Tatnall, Barta & Juliff 041279960X (Euro 134.50)

7. The Virtual Campus (1997)
   Verdejo & Davies 041283550 (Euro 189)

8. Information Technology: supporting change through Teacher Education (1997)
   Passey & Samways 0412797607 (Euro 148.50)

9. Capacity Building for IT in Education in Developing Countries (1998)
   Marshall & Ruohonen 0412814609 (Euro 149.50)

    Tinsley & Johnson 0412821001 (Euro 123)

    Mulder 041280790 (Euro 151)

    Juliff, Kado & Barta (Euro 167)

    Watson and Downes 0792377605 (Euro 159)

14. ICT in Education: the School of the Future (2001)
    Taylor & Hogenbirk 0792372980 (Euro 190.50)

15. Pathways to Institutional Improvement with Information Technology in Education Management (2001)
    Nolan, C.J.P., Fung, A.C.W., & Brown

16. Information Technology in Educational Management (2001)
    Visscher, Wild and Fung 0792370740

    Watson & Andersen 140207132 (Euro 190)

18. TelE-Learning (2002)
    Passey & Kendall 1402072198 (Euro 184)
Progress and Status

Much progress has been made in encouraging the nomination of TC3 representatives from IFIP members who previously did not have a representative on TC3. In addition there have been direct discussion by TC3 to encourage four countries to become full members of IFIP, namely Chile, Mexico, Iceland and New Zealand. Having recently organised events in Brazil, Chile, China, and New Zealand along with tutorials and seminars, it is pleasing to report that Hungary and South Africa are being considered for future events.

As recently reported by the IFIP Executive Director, TC3 provides a major part of the IFIP-UNESCO co-operation content. A series of IFIP-UNESCO curriculum projects, some of them translated in as many as 7 languages (documents for 2 projects can be accessed via http://www.ifip.or.at/projects.htm), were developed by TC3 experts.

At its meeting earlier this year, TC3 was happy to support the launch of the Villa Media in France, which has been created to provide a research environment in the areas of multimedia for the countries of Europe. TC3 also continues its involvement in the International Olympiad in Informatics (IOI).

TC 3 has a long record of publications (http://www.ifip.or.at/publications/booksTC3.htm). Currently, the success of the Journal "Education and Information Technologies" is a major endeavour. (http://wwwedu.ge.ch/cptic/prospective/projets/ifip/journal.html) as are the three publications produced for UNESCO in the areas of the Secondary Curriculum, the University/Higher Education Curriculum, and in Teacher Training for Elementary Education.

WCCE (The World Conference on Computers in Education) is the second largest series of IFIP conferences, rightfully boasting to be the second most attended IFIP event ranking immediately after the IFIP World Computer Congress. The conferences are organised approximately every 5 years -- the 6th WCCE was in Birmingham in 1995 and the 8th WCCE (and first in Africa) will convene in Cape Town, South Africa in 2005. WCCE2001 last year is the subject of a supplementary report under Tab 9c.

Finally, several TC3 representatives are also their society’s GA representative, and for that reason they should all be present here at the GA meeting in Montreal, together with the TC3 Chair and TC3 Chair designate, Jan Wibe (NO). Hence TC3 members make a significant contribution to IFIP as a whole.

With these facts one is confident to report that TC3 is progressing well.

Requests to IFIP General Assembly Members

1  That the IFIP President appoints Jan Wibe (NO) as the next TC3 Chair on the unanimous recommendation of TC3 members.

2  Individually take out a personal subscription and encourage others to subscribe to the journal "Education and Information Technologies" at the personal rate of US$65 per annum.

3  Note the successful achievements of TC3.

4  Publicise the TC3 Open event in Pori, Finland in July 2003

5  Encourage the Treasurer to be more generous with funds for TC Operating expenses which enable IFIP to globally lead in the field of Computer Education

6  Encourage the Treasurer to be more generous with the allocation of DCSC Grants for TC3’s excellent work in developing countries and with persons from developing countries.
Report from Technical Committee for Education – TC3

Part 2

Changes to TC3 and TC3 WGs, Aims and Scope

None

Proposals for establishment/discontinuation of WGs

None at this stage, though notification is given of the pending request for a new Working Group on Life Long Learning and IT.

Other matters requiring TA approval

Notification that TC3 recommends to the IFIP President (rule 4.3.3) that Jan Wibe (NO) becomes Chair of TC3 from January 2003 to December 2005. This was a unanimous decision at the last TC3 meeting in February 2002.

Strategic Issues related to the TC3 performance.

Attendance at TC3 meetings
Number of TC3 events
Number of TC3 publications
Number of TC3 members actively involved with IFIP General Assembly
TC3 projects with UNESCO
TC3 global involvement with IOI, the Villa Media and IT Professionalism
TC3 activities in developing countries
TC3 global tutorials and seminars
Increasing membership of TC3 Working Groups
Joint working groups events
Appointment of TC3 members under rule 4.3.2.b)
TC3 involvement and contribution to IFIP WCC
Joint working with other TCs
Support through TC3 Web pages for TC3 members

Extension and Development of TC3’s Work

Documentation under development for TC3 handbook, Induction Pack for new members and handbook for working groups.
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**ATTENDANCE OF WORKING GROUP CHAIRMEN**

| WG 3.1 | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |
| WG 3.2 | Y  | Y  | P  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |   |
| WG 3.3 | P  | Y  | Y  | P  | Y  | Y  | Y  | Y  | P  | P  | P  |   |
| WG 3.4 | Y  | P  | Y  | Y  | P  | Y  | Y  | Y  | Y  | Y  | Y  |   |
| WG 3.5 | Y  | P  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |   |
| WG 3.6 | Y  | P  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |
| WG 3.7 | Y  | P  | P  | Y  | P  | P  | P  |

**Meeting** | **Location** | **Date** | **1996** | **Wollongong** | **1997** | **Harare** | **1998** | **Vienna** | **1999** | **Irvine** | **2000** | **Copenhagen** | **2001** | **Copenhagen** | **2002** | **Grenoble** | **1996** | **Wollongong** | **1997** | **Harare** | **1998** | **Vienna** | **1999** | **Irvine** | **2000** | **Copenhagen** | **2001** | **Copenhagen** | **2002** | **Grenoble** |
| 1992       | Madrid    | 5-6 September 1992 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| 1993       | Birmingham | 28-29 August 1993 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| 1995       | Birmingham | 22 & 29 July 1995 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |